

ABSTRACT

The invention provides cell lines which are useful for the rapid detection of enteroviruses. In particular, the invention provides transgenic African green monkey kidney cell lines and buffalo green monkey kidney cell lines. The invention provides cell lines which have increased sensitivity to infection by enteroviruses in single-cell type and mixed-cell type cultures compared to other cell types which are currently used for enterovirus detection. The cells of the invention also are permissive to infection by a larger number of enteroviruses as compared to the cell type from which they were derived.